

# AADESH SINGH

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Analytics-driven professional with background in translating data-based business insights and results into meaningful business solutions, and coaching teams to leverage data in increasing revenue and efficiency across different functions.

## EDUCATION

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**UCLA ANDERSON SCHOOL OF MANAGEMENT** Los Angeles, CA  
*Master of Science, Business Analytics (MSBA)* Dec 2024

- Elected VP of Career Services for MSBA '24
- UCLA Anderson Merit Fellowship Recipient
- Data modelling and storytelling, data science, statistical models, machine learning, prescriptive models

**UCLA HENRY SAMUELI SCHOOL OF ENGINEERING** Los Angeles, CA  
*Bachelor of Science, Mechanical Engineering* (GPA: 3.62) Jun 2019

- Merit scholarship from Tata Group
- Cross-functional synchronization, manufacturing, product design, development of an autonomous robot

## TECHNICAL SKILLS

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**Programming:** Python, SQL, R, MATLAB, Vba

**Software:** Excel, PowerPoint, Solidworks, Power BI, Tableau

## PROFESSIONAL EXPERIENCE

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**GOLDRATT CONSULTING** (introduced the Theory of Constraints) Los Angeles, CA  
**Management Consultant** Dec 2019 – Aug 2023

- Presented data-based simulations, growth models and solution elements to senior leadership teams at companies to get their buy-in, leading to three new client acquisitions
- Evaluated operations using VBA based data models to change processes and target problematic areas for a manufacturing client, leading to over \$550M (>400%) increase in company's valuation, culminating in a merger
- Implemented priority and scheduling system for a food manufacturing plant, increasing hourly productivity 38%
- Redeveloped the simulator scheduling algorithm and investigated capacity utilization for pilot training program at a major airline, boosting simulator utilization by >25%
- Used SQL to analyse ordering model at client site and pinpointed areas to decrease onsite inventory by 40%
- Examined production data of an auto manufacturer to find areas of improvement to increase hourly production 30%
- Led weekly and monthly meetings with clients' senior leadership to manage customer expectations
- Revamped and automated a client's New Product Development process to shorten cycle time for new launches by 25%

**DAIMLER-MERCEDES BENZ VANS** Charleston, SC  
**Intern (Process Improvement)** Jun 2018 – Sep 2018

- Developed Excel macro based reporting tools for paint shop department to determine operational bottlenecks
- Downtime decreased by over 15% through mitigation of identified problem areas in operations

## LEADERSHIP

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**Head Learning Assistant- UCLA Physics Department** 2016-2018

- Engaged and mentored students in classes for enhanced collaboration and productivity. Additionally, hosted tutoring and review sessions to aid learning. Managed a team of 10 learning assistants in this role.

**Researcher- UCLA's Center for Advanced Surgical and Interventional Technology** Jun 2017 – Dec 2018

- Led design and prototyping of training equipment for robotic surgeries to prevent post-surgery complications
- Co-authored a publication in an academic journal: "Transoral Robotic Surgical Proficiency Via Real-Time Tactile Collision Awareness System", The Laryngoscope, Aug 2020

## INTERESTS

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Landscape Painting, Furniture Design, Volleyball, Learning Italian, Reading (currently: Your Brain on Art)